

Central Washington University

Location Notification of Intent

Program Name: Bachelor of Science – Electronic Engineering Technology

Degree Granting Unit: College of Education and Professional Studies

Degree: B.S. Electronic Engineering Technology

Level: Bachelor **Type:** Science

Major: Electronic Engineering Technology **CIP:** 14.1001

Proposed Starting Date: September 2006

Location: CWU-Des Moines
2400 S. 240th Street
Des Moines, WA.

Mode of Delivery: Traditional classroom with potential for some distance education and interactive television combination

Scheduling: Day and evening classes

Attendance Options: Full-time

Projected Enrollment: See Form 5 attached

Funding: The program is currently offered at CWU-Pierce County (Puyallup) and will be discontinued fall 2006. The program will be moved to Des Moines. The funding source will not change nor increase.

Contact Information: Linda S. Beath
Associate Vice President for Undergraduate Studies
400 E. University Way MS 7503
509-963-1404
509-963-2025 fax
beathl@cwu.edu

Endorsement by Chief Academic Officer
David Soltz, Provost/Senior Vice President for Academic Affairs

Date

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Substantive Statement of Need

CWU is seeking to relocate this program to its university center at Des Moines based upon the results of academic program review. Through the program review process, the department received several recommendations including the need to focus its efforts. The university also has a concern about the declining enrollments. By moving this degree program to Des Moines the department will be able to consolidate its programs, faculty, and have a core of classes that will support both the B.S. Electronic Engineering Technology and the B.A.S. Industrial Technology degrees thereby addressing some of the enrollment issues. It is also anticipated that the more centrally located Des Moines location will attract additional enrollments through the surrounding community colleges and by proximity to local employers such as Boeing, Kenworth, and Red Dot.

The employment outlook for graduates in this program in electrical engineering technology remains strong. The occupational titles appropriate to this degree cut across the engineering technology and computer technology fields. According to the Work Force publication, *Where Are You Going? A Guide to Careers and Education in Washington State, 2004*, workers prepared in such categories as computer network and data analysts should expect 11.8% growth in employment opportunities for an additional 111 openings per year: Computer Systems Analysts, 10.0% growth for 309 openings; Industrial Designers at 12.1% growth and 100 openings; and Industrial Production Managers at 9.6% growth at 84 openings.

HECB Form 5

Enrollment Targets

| Year | 1 | 2 | Full enrollment |
|------------------|-----------|-----------|----------------------------|
| Headcount | 12 | 24 | 36 |
| FTE | 10 | 20 | 30 |